

Work Order ID 94108

94108

Page 1

November-30-12 9:20:00 AM

Item ID: D3935-2 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Pylon Protector
 Start Date: 11/27/12 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 12/14/12 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: 12-12-03 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3935	B								
100		0.00							
100									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3935								
<i>gray lexan 1/25"</i>	Dwg Rev: <u>B</u>								
	Prog Rev: <u>B</u>								
	2- Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.00							
Quality Control									

① 12-12-16

① 12-12-16

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

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Page 2

November-30-12 9:20:00 AM

Item ID: D3935-2 Accept *N900040100* Setup Start *NS1*
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 Start Date: 11/27/12 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 12/14/12 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 15 2-89 12.17				1			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 PRR-4110 0.00				70		12/12/17	DAS 20 3-89
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00						12/12/18	

12.12.18

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Picklist Print

November-30-12 9:20:00 AM

Page 1

Work Order ID: 94108

Parent Item: D3935-2

Start Date: 11/27/12

Required Date: 12/14/12

Parent Item Name: Pylon Protector

Start Qty: 1.00

Required Qty: 1.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.125-F60029-04 GE PLASTICS LEXAN SHEET		Purchased	No			100	sf	704.2384	8.69	9.1473684		12-12-16	

Location

Loc Qty

Loc Code

MAT018

704.2384

121803

704.2384

121803

①

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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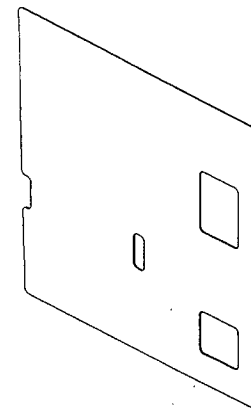
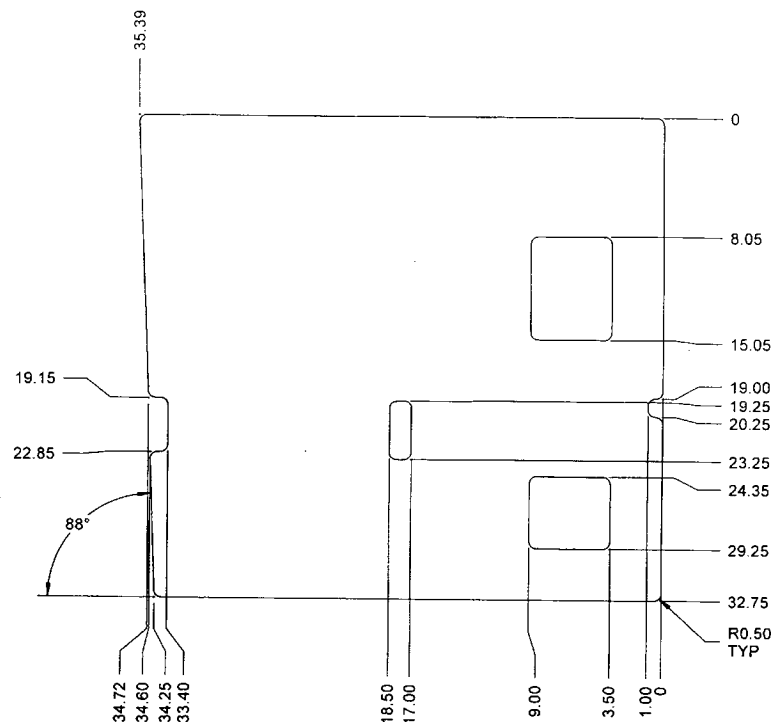
DART AEROSPACE LTD		Work Order:	94108
Description: Pylon Wall Protector, RH		Part Number:	D3935-2
Inspection Dwg: D3935 Rev: B		Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
3.50	+/-0.030	3.50	✓		T B01	
9.00	+/-0.030	9.00	✓		T	
14.70	+/-0.030	14.70	✓		T	
16.20	+/-0.030	16.20	✓		T	
33.40	+/-0.030	33.40	✓		T	
34.25	+/-0.030	34.25	✓		T	
34.60	+/-0.030	34.60	✓		T	
34.72	+/-0.030	34.72	✓		T	
22.85	+/-0.030	22.85	✓		T	
19.15	+/-0.030	19.15	✓		T	
35.39	+/-0.030	35.39	✓		T	
8.05	+/-0.030	8.05	✓		T	
15.05	+/-0.030	15.05	✓		T	
19.00	+/-0.030	19.00	✓		T	
19.25	+/-0.030	19.25	✓		T	
20.25	+/-0.030	20.25	✓		T	
23.25	+/-0.030	23.25	✓		T	
24.35	+/-0.030	24.35	✓		T	
29.25	+/-0.030	29.25	✓		T	
32.75	+/-0.030	32.75	✓		T	
0125	+/-0.010	0.23	✓		✓ B02	

Measured by: IB	Audited by: 589	Preliminary Approval:	N/A
Date: 12-12-16	Date: 12-12-17	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	09.06.22	New Issue	KJ	
B	10.08.18	Dwg Rev updated	KJ	



SERIALIZED
 RECORDED
 INDEXED
 UNCONFIRMED
 SUBMITTED
 V. 1
 94108 MJS
 12-12-03

RELEASED
 2009-10-22
 [Signature]

D3935-1 PYLON WALL PROTECTOR, LH
 (TEXTURED SIDE SHOWN)

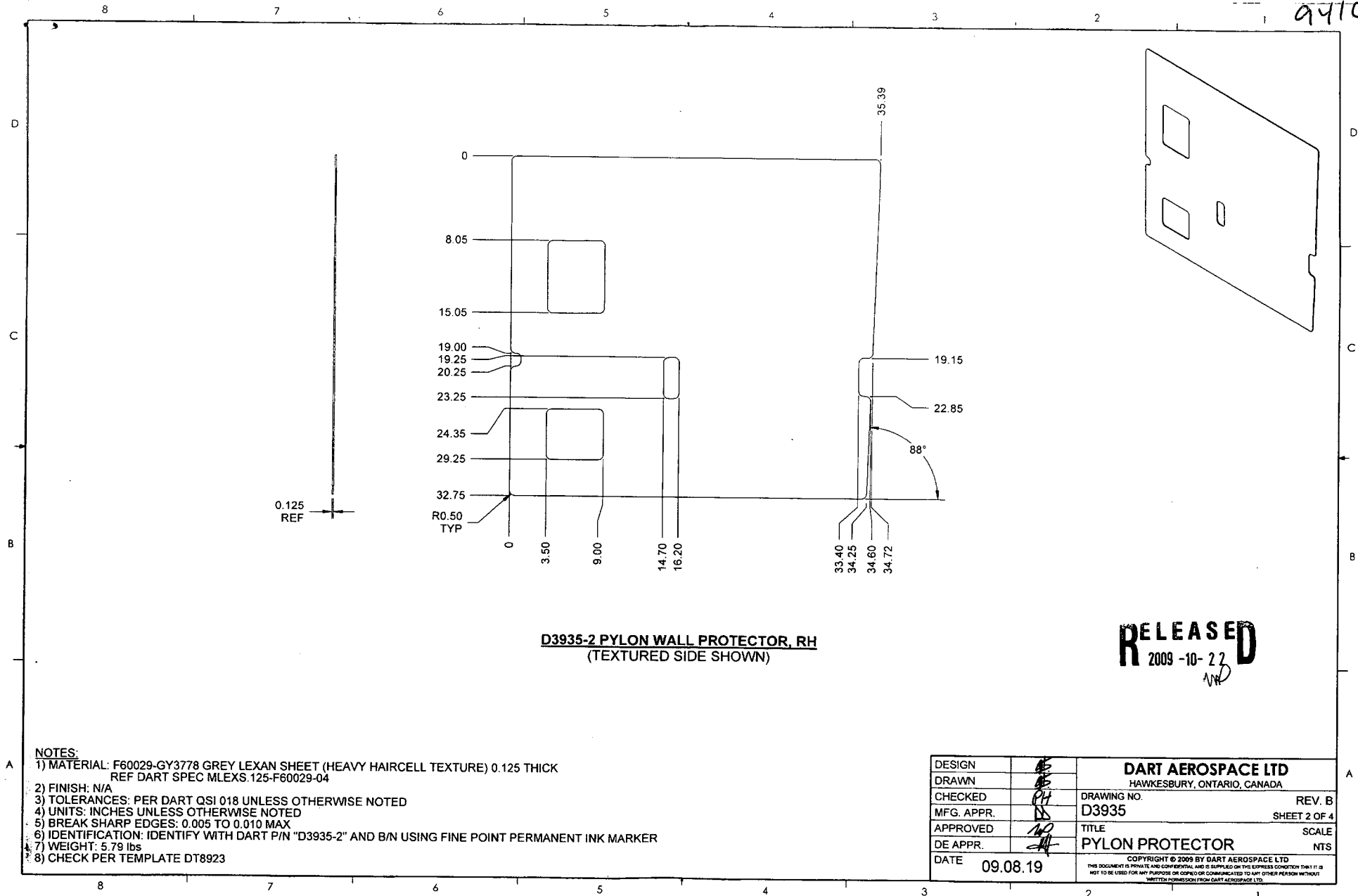
- NOTES:**
- 1) MATERIAL: F60029-GY3778 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE) 0.125 THICK
REF DART SPEC MLEXS.125-F60029-04
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3935-1" AND B/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 5.79 lbs
 - 8) CHECK PER TEMPLATE DT8922

B	ADD -3, -4 (SHEET 3, 4)	09.08.19
A	NEW ISSUE	HS 09.04.21
REV.	DESCRIPTION	BY DATE
DESIGN	[Signature]	
DRAWN	[Signature]	
CHECKED	[Signature]	
MFG. APPR.	[Signature]	
APPROVED	[Signature]	
DE APPR.	[Signature]	
DATE	09.08.19	

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3935	REV. B
TITLE PYLON PROTECTOR	SHEET 1 OF 4
SCALE NTS	

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 WRITTEN PERMISSION FROM DART AEROSPACE LTD

94108



D3935-2 PYLON WALL PROTECTOR, RH
(TEXTURED SIDE SHOWN)

RELEASED
2009-10-22
N/A

NOTES:

- 1) MATERIAL: F60029-GY3778 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE) 0.125 THICK
REF DART SPEC MLEXS.125-F60029-04
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3935-2" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 5.79 lbs
- 8) CHECK PER TEMPLATE DT8923

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3935	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		PYLON PROTECTOR	NTS
DATE	09.08.19	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

94108

D

C

B

A

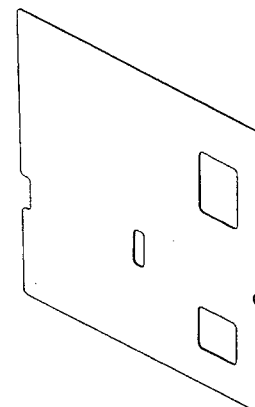
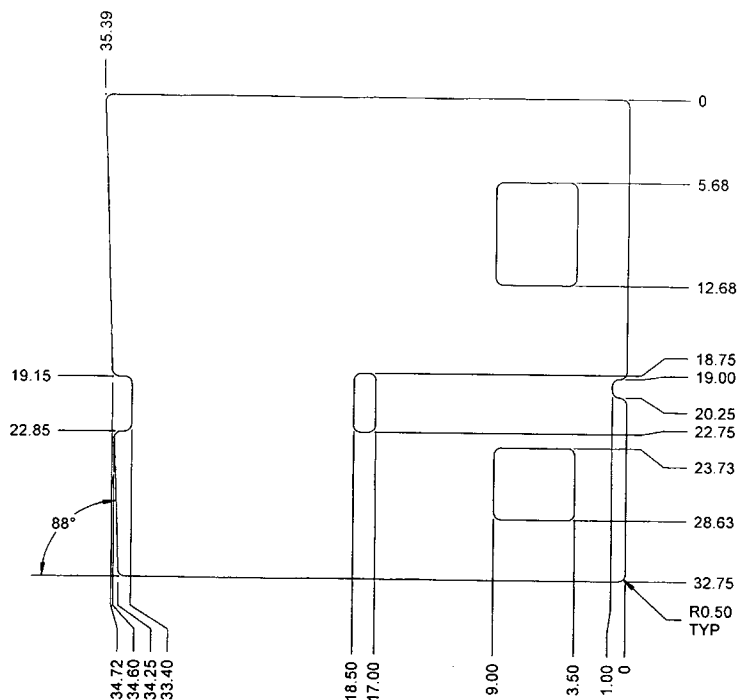
D

C

B

A

0.125
REF



D3935-3 PYLON WALL PROTECTOR, LH
(TEXTURED SIDE SHOWN)

RELEASED
2009-10-22
JW

NOTES:

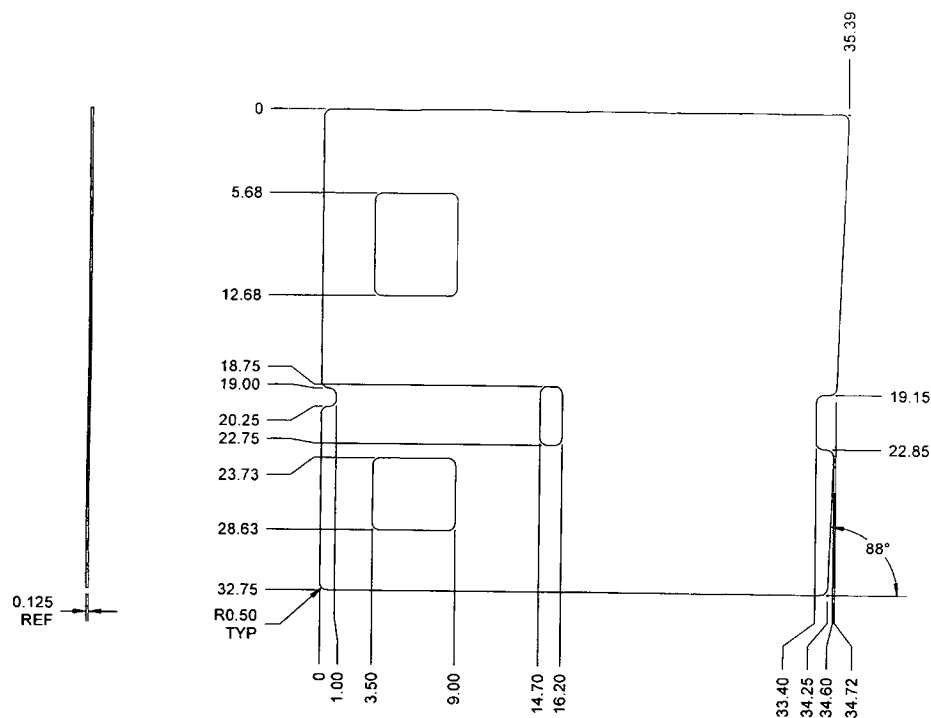
- 1) MATERIAL: F60029-GY3778 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE) 0.125 THICK
REF DART SPEC MLEXS. 125-F60029-04
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3935-3" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 5.79 lbs
- 8) CHECK PER TEMPLATE DT9527

DESIGN	<i>AS</i>	DART AEROSPACE LTD	
DRAWN	<i>AS</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>PH</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>AS</i>	D3935	SHEET 3 OF 4
APPROVED	<i>AS</i>	TITLE	SCALE
DE APPR.	<i>AS</i>	PYLON PROTECTOR	NTS
DATE	09.08.19	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

94108

D
C
B
A

D
C
B
A



D3935-4 PYLON WALL PROTECTOR, RH
(TEXTURED SIDE SHOWN)

RELEASED
2009 -10- 22
NM

NOTES:

- 1) MATERIAL: F60029-GY3778 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE) 0.125 THICK
REF DART SPEC MLEXS.125-F60029-04
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3935-4" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 5.79 lbs
- 8) CHECK PER TEMPLATE DT9528

DESIGN	DE	DART AEROSPACE LTD	
DRAWN	DE	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PH	DRAWING NO.	REV. B
MFG. APPR.	DS	D3935	SHEET 4 OF 4
APPROVED	MD	TITLE	SCALE
DE APPR.	TH	PYLON PROTECTOR	NTS
DATE	09.08.19	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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